

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Alain NAVELIER, Patrick ALEXANDRE, Bernard  
BROUQUIERES, Claude MIKLER

Application No.: New National Stage of PCT/FR00/01851

Filed: December 18, 2001

Docket No.: 111487

For: NEEDLELESS SYRINGE HAVING AN INJECTOR OF FITTED-TOGETHER  
ELEMENTS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, and after entry of Annexes to the IPER, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 4-11 as follows:

4. (Amended) The needless syringe as claimed in claim 1, characterized in that the groove (31, 41, 41') is straight.

5. (Amended) The needless syringe as claimed in claim 1, characterized in that the groove is helical.

6. (Amended) The needless syringe as claimed in claim 1, characterized in that a groove (54) is formed by the convergence of at least two grooves beginning from the upstream face and ending in a single groove towards the downstream face of the element (34).

7. (Amended) The syringe as claimed in claim 4, characterized in that the groove (31, 41, 41') has a constant cross section.

8. (Amended) The syringe as claimed in claim 4, characterized in that the groove (53, 54, 55) has an evolving cross section.

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ARNEAS  
01/13/02